New Product Summary

Launch Date – 1st September 2008
Under NDA Until – 1st August 2008

Epson EB W6

WXGA projector for business and education.

Use the full potential of the latest computer display resolution to improve your presentation capability

WXGA resolution

The EB-W6 has a native wide XGA resolution for full compatibility with the latest computer and laptop resolutions, improving your display area by up to 30%. This also means that the EB-W6 can display WXGA content without having to crop or resize the image.

No time wasting with quick start up and shut down

Start your presentation from just 5 seconds from power on, to full power! Pack away efficiently with less than 1 second cool down time before the double-beep signals it's safe to unplug and go.

Connect easily with USB display

This projector is designed for simple operation. Epson's USB Display technology means that by simply connecting the projector to your computer with a USB cable you can show your Presentation and step through your slides or images using the projector remote control.

Sliding lens cover to pause presentations, and protect the lens!

Epson's unique A/V mute slide technology means you can conveniently pause presentations to refocus the audiences' attention on you.

Reduce your projection power consumption

Epson's exclusive and patented E-TORL lamp technology, low wattage lamps can be used even for bright output; and coupled with the Epson EMP-X6 low power consumption you are sure to save money and stay ecologically friendly!

Flexible connectivity including HDMI

Includes convenient carry case

Key benefits

- Wide XGA resolution giving you full compatibility with the latest computer display resolutions
- Superb images with Epson 3LCD technologies and 2000 lumens brightness
- Trouble free connection using Epson's USB Display Techology
- Connect to High Definition sources using HDMI
- Show photo's from SD card without the need to connect to a computer
- Super long-life, low wattage lamp lasts up to 4000 hours*

*in low brightness mode

3LCD WXGA E-TORL HDMI

Ordering information

Description	EB-W6 LCD Projector
Part Number	V11H285B40
Barcode	8715946419947
Carton Dimensions	427 x 379 x 182mm
Carton Weight	net= 2.7kg; gross=4.6kg

Screen size and projection distance

Use the Epson Projection Distance Calculator software available from www.epson.co.uk for distances and screen sizes not shown below.

16:10 Aspect Ratio

Screen [inch]	Projection distance						Offset A		Offset B	
	Wide			Tele			Wide = Tele			
	cm	inch	foot	cm	inch	foot	V1 cm	V1 inch	V2 cm	V2 inch
27	84	33	2.8	101	40	3.3	0	0	36	14.3
30	94	37	3.1	113	45	3.7	0	0	40	15.9
40	126	50	4.1	152	60	5	0	0	54	21.2
50	158	62	5.2	191	75	6.3	0	0	67	26.5
60	191	75	6.3	230	90	7.5	0	0	81	31.8
80	255	101	8.4	307	121	10.1	0	0	108	42.4
100	320	126	10.5	385	152	12.6	0	0	135	53
150	482	190	15.8	579	228	19	0	0	202	79.5
200	644	253	21.1	774	305	25.4	0	0	269	106
250	806	317	26.4	968	381	31.8	0	0	337	132.5

4:3 Aspect Ratio

Screen [inch]	Projection distance						Offset A		Offset B	
	Wide			Tele			Wide = Tele			
	cm	inch	foot	cm	inch	foot	V1 cm	V1 inch	V2 cm	V2 inch
24	84	33	2.8	102	40	3.4	0	0	37	14.4
30	106	42	3.5	129	51	4.2	0	0	46	18
40	143	56	4.7	173	68	5.7	0	0	61	24
50	180	71	5.9	217	85	7.1	0	0	76	30
60	216	85	7.1	260	103	8.5	0	0	91	36
70	253	100	8.3	304	120	10	0	0	107	42
80	290	114	9.5	348	137	11.4	0	0	122	48
100	363	143	11.9	436	172	14.3	0	0	152	60
150	546	215	17.9	656	258	21.5	0	0	229	90
200	729	287	23.9	876	345	28.8	0	0	305	120
235	857	338	28.1	1030	406	33.8	0	0	358	141

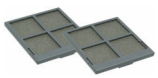
Accessories

(Model code) **order code**

Consumables

Spare Lamp (ELPLP41)
V13H010L41

Air Filter Set (ELPAF13)
V13H134A13



Screens

50" Portable Screen (ELPSC06)
V12H002S06

60" Portable Screen (ELPSC07)
V12H002S07

80" Portable Screen (ELPSC08)
V12H002S08

Mountings

Ceiling Pipe (white) 450mm (ELPFP13)
V12H003P13

Ceiling Pipe (white) 700mm (ELPFP14)
V12H003P14

Ceiling Mount (ELPMB23)
Connects to the projector and either directly to the ceiling, or to a ceiling pipe.
V12H003B23

Cables

VGA Computer Cable HD-15 to HD-15 1.8m (ELPKC02)
V12H005C02

VGA Computer Cable HD-15 to HD-15 3.0m (ELPKC09)
V12H005C09

VGA Computer Cable HD-15 to HD-15 20m (ELPKC10)
V12H005C10

Component Video Cable (ELPKC19)
V12H005C19

What's in the Box?

Projector
with Slide Lens Shutter

Remote Control

2 x AA alkali batteries
for the remote control

Power Cable
1.8m cable

Computer Cable
Mini D-Sub 15-pin/mini D-Sub 15-pin, 1.8 m (6 ft.)
Use when projecting images from a computer

USB Cable
1.8 m, USB A/USB B

Soft Carry Case

Password Protect Sticker

Setup Guide
Contains information on basic operations for preparing the projector before use (setup and connecting video equipment or a computer) and for starting projection.

Image TBC

Document CD-ROM
Contains information on common and useful functions, configuration, troubleshooting, and maintenance.

Image TBC

Safety Instructions / Warranty Terms

image TBC

Specifications

Model			EB-W6
Projection System			RGB liquid crystal shutter projection system
Projection Method			Front / Rear / Ceiling mount
Specification of Main Parts	LCD	Size	0.56 -inch without MLA
		Driving Method	Poly-silicon TFT active matrix
		Pixel Number	1,024,000 dots (1280 x 800)
		Native Resolution	WXGA
		Aspect Ratio	16:10
		Pixel Arrangement	Cross stripe
		Refresh Rate	50 Hz - 60 Hz
	Projection Lens	Type	Digital zoom / Manual focus
		F-Number	1.6 – 1.74
		Focal Length	18.4mm – 22.12mm
		Zoom Ratio	1-1.2
		Lens Cover	Slide lens shutter
	Lamp	Type	170 W UHE
		Life	3000 hours (Brightness Control: High) 4000 hours (Brightness Control: Low)
	Optical System		Dichroic Mirror Separation & Prism combine Method
Screen Size (Projected Distance)			27" to 270" [1.0 to 10.4 m] (Zoom:Tele) 27" to 270" [0.84 to 8.7 m] (Zoom:Wide) 60" screen 1.9 - 2.3 m
Offset			10:1
Light Output (Brightness)	High		2000 lm (Colour mode: Game, Zoom: Wide)
	Low		1590 lm (Colour mode: Game, Zoom: Wide)
Contrast			2000:1
Light Output Uniformity			Typ. 90%
Colour Reproduction			Full-Colour (16.77 million Colours)
Video Quality			Simple Interlace-Progressive conversion
Sound Output			7 W Monaural
Speaker			71mm x 41mm in diameter x 1
Function			User logo, A/V mute, Freeze, E-Zoom, Help
Colour Mode			PC: Photo, Presentation, Theatre, Game, sRGB, Blackboard, Text Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard, Text
Remote Control Infrared Receiver Position / Distance / Directivity			Front & Rear, 6 m Right / Left: -30 to +30 degrees Upper / Lower: -15 to +15 degrees
Effective Scanning Frequency Range (Analogue)	Pixel Clock		13.5 MHz to 162 MHz up to UXGA 60 Hz
	Horizontal		15 kHz to 92 kHz
	Vertical		50 Hz to 85 Hz
Adjustment Function	Projector / Remote Control		Brightness / Contrast / Tint / Saturation / Sharpness / Input signal / Sync / Tracking / Position / Colour temperature / Volume / etc.
	Foot Adjuster		Front-centre
	Tilt Angle		0 to 11 degrees
	Keystone Correction		Vertical: -30 to +30 degrees
	Auto Keystone Correction		Yes
	Source Search		Yes
	Auto Detection of RGB/Component		Yes
	Operation Panel Protected Function		Yes
	Password Protected Function (Security Function)		Yes
Other Function	USB Display		USB Display Ver.1.40 (for Windows)
Analogue RGB I/O	Display Performance	Native	1280 x 800 dots
	Input Signal	Signal Type	Separate signal
		Video Signal	Analogue (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
		Sync. Signal	Separate (positive & negative, bi-polarity 2-5 Vp-p)/ Composite (positive & negative, bi-polarity 2-5 Vp-p)/ Sync-on-green (negative, 0.3 Vp-p)
		Audio Signal	500 mVrms / 47 k-ohm
	Input Terminal	Video	D-sub 15pin x 1 Blue moulding
		Audio	RCA x 1 (White/Red)
	Output Signal	Video Signal	Analogue (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
		Sync. Signal	Separate (positive & negative,TTL) / Composite (positive & negative,TTL) / Sync. on green (negative 0.2-0.4 Vp-p)
	Output Terminal	Video	D-sub 15pin x 1 Black moulding (Output signal : Computer * only)
HDMI	Display Performance	Native	1280 x 800 dots
	Input Signal	Version	1.3a
		Video Standard	480i / 576i / 480p / 576p / 720p / 1080i / 1080p
		Video Signal	TMDS(TMDS is signal for HDMI)
		Audio Signal	Linear PCM
	Input Terminal		HDMI
	HDCP		Yes
Video I/O	Display Performance		NTSC: 560 lines, PAL: 560 lines
	Input Signal	Video Standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
		Video Signal	Composite Video (1.0 Vp-p / Sync.negative, 75 ohm) / S-Video (Luminous 0.714 Vp-p, Chrominous 0.286 Vp-p, 75 ohm) / Component Video (Analogue Y level 0.7 V, 75 ohm / Cr Cb level +/-0.35 V, 75 ohm / sync.negative 0.3 V or 3-state +/-0.3 V on Y) / RGB Video (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
		Audio Signal	500 mVrms / 47 k-ohm
	Input Terminal	Video	Composite Video: RCA (Yellow) x 1
			S-Video: Mini DIN x 1
			Component Video: D-sub 15pin Blue moulding (in common with Analogue RGB connector)
			RGB Video: D-sub 15pin Blue moulding (in common with Analogue RGB connector)
		Audio	RCA x 1 (White/Red) (in common with Analogue RGB Audio terminal)
USB Display	Input Signal	Video	Yes
Control I/O	USB I/O	I/O Terminal	Type B x1 (for USB Display, Mouse, K/B, Control)
		I/O Speed	USB Type B Ver. 2.0
Memory I/O	USB I/O	I/O Terminal	USB Type A x 1 (For USB Memory)
		I/O Speed	USB Type A Ver. 1.1
	SD I/O	I/O Terminal	SD Memory Card Slot x 1
		I/O Speed	High Speed
Operating Temperature			5 °C to 35 °C <41 °F to 95 °F> (20%-80% Humidity) Thermal shut down > 45 °C
Operating Altitude			0 m to 2286 m<0 ft to 7500 ft> (over 1500 m / 4,921 ft :with High altitude mode)
Direct Power On			Yes
Direct Power Off			Yes
Start-up Period			about 5 seconds warm-up period: 30 seconds
Cool-down Period			Instant off
Exhaust Direction			Side
Air Filter	Standard		Yes
Theft Proof	Padlock & Security Cable Hole		Yes
	Kensington Lock		Yes
Power Supply Voltage			100 - 240 V AC +/- 10%, 50/60 Hz
Power Consumption	100-120V Area (JAPAN, USA, etc)	Lamp On	246 W
		Standby (Network On)	N/A
		Standby (Network Off)	3 W
	220-240V Area (Europe, etc)	Lamp On	231 W
		Standby (Network On)	N/A
		Standby (Network Off)	4.3 W
	Except JAPAN		100 - 240 V AC 50/60 Hz 2.8 - 1.5 A
Dimension	Exclude Feet (D x W x H)		245 x 327 x 92 mm
	Maximum Dimension (D x W x H)		245 x 327 x 101 mm
Weight			Approx. 6.2 • bs. / 2.8kg
Fan Noise	Brightness Control: High		35 dB
	Brightness Control: Low		28 dB
Compatible Standard	Safety	US	UL60950-1 1st edition (cTUVus Mark)
		Canada	CSA C22.2 No.60950-1
		Japan	The electrical appliance safety law / TV receiver
		Europe	IEC 60950-1 1st edition (CE Marking)
		Germany	German Equipment and Product Safety Law (GS Mark)
		Korea	EK
		China	CCC (GB4943)
		Singapore	PSB
		Mexico	NOM
	EMC	US	FCC part 15B class B
		Canada	ICES-003 class B
		Japan	The electrical appliance safety law / TV receiver
		CE(Europe)	EMC directive (89/336/EEC)
		Korea	MIC-Mark
		China	CCC (GB9254, GB 17625.1)
		Australia/New Zealand	C-tick Mark
	Environmental Protection	US	State's law for packages
		Japan	Recycling regulation for packages
		Germany & France	A law for waste product evasion
		CE(Europe)	Dioxide regulation
		All countries	Recycling regulation
Supplied Accessories	Power Cable		1.8m
	Computer Cable		1.8 m D-sub 15pin (Male) - D-sub 15pin(Male)
	USB Cable		1.8 m, USB A/USB B
	Remote Control		Compact type
	Battery		Manganese dry cell x 2
	Password Protect Sticker		Included
	User's Manual Set		Included
	Soft Carry Case		Included
Optional Accessories	Spare Lamp		ELPLP41
	Air Filter Set		ELPAF13
	Soft Carrying Case		ELPKS16B
	50" Portable Roll Screen		ELPSC06
	60" Portable Roll Screen		ELPSC07
	80" Portable Roll Screen		ELPSC08
	100 Type Screen		ELPSC10
	Computer Cable	HD15 / HD15, 1.8 m	ELPKC02
	Computer Cable	HD15 / HD15, 3.0 m	ELPKC09
	Computer Cable	HD15 / HD15, 20.0 m	ELPKC10
	Component Video Cable	HD15 / 3RCA (male), 3.0 m	ELPKC19
	Ceiling Mount	White Colour	ELPMB23
	Suspension Adapter 450mm	White Colour	ELPFP13
	Suspension Adapter 700mm	White Colour	ELPFP14

Errors and omissions excepted, all specifications are subject to change without notice.